



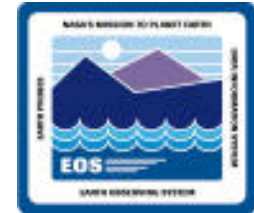
Prototypes and Studies

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Prototypes & Studies



Purpose

- Clarify requirements
- Mitigate risk
- Validate opportunities
- Learning/technology tracking

EP - Evaluation Package

- 5-7 month duration
- Less formal design/development
- Formal integration/test onto release

PW - Prototype Workshop

- 8-12 week rapid development, then
- 1-2 day user-oriented workshop
- Focus is validation of coming EP

Ongoing Tracking/Management

- CDRL 318 & Web (EDHS)
- Strategic Plan
- New: Steering Group

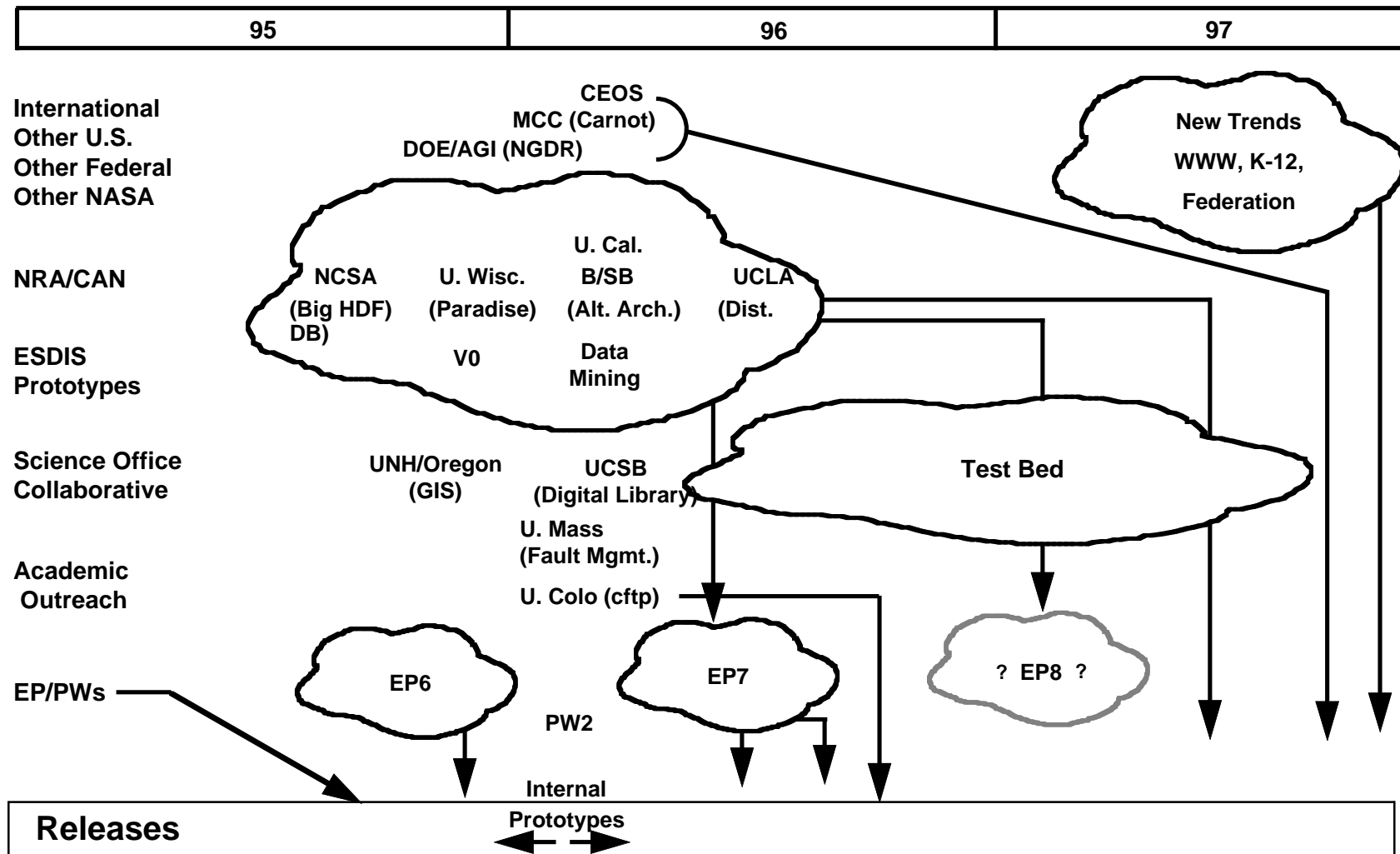
Prototypes and Studies Steering Group



Revitalize Steering Group with scope of all relevant prototypes and studies. Joint ESDIS/ECS ownership.

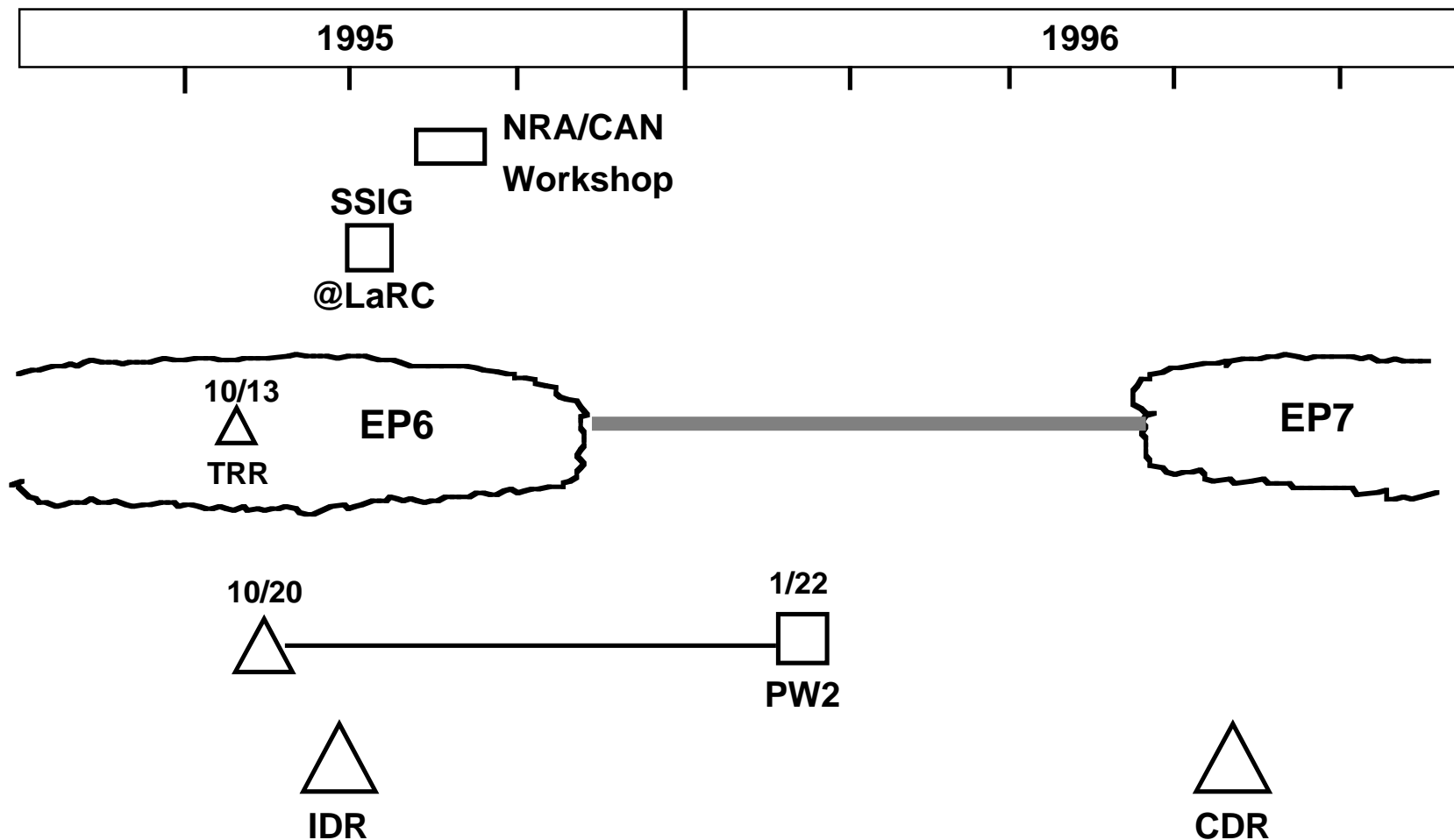
- **Manage design: Target spillovers for special attention, re-examine programming-intensive items, include new trends**
- **Gating process for starting significant prototypes: Look across entire portfolio, timing (early experience vs. just in time). Tie to key risks.**
- **Manage timely insertion of prototype-derived technologies into releases**
- **Track these prototypes/studies in common fashion. Select some ESDIS and NRA/CAN work for integration into EP7-->Release B**
- **For EP7, tackle new topics and trends proactively**

Prototypes & Studies Context



Prototypes and Studies

Key Events - Pre-CDR



EP6 Content



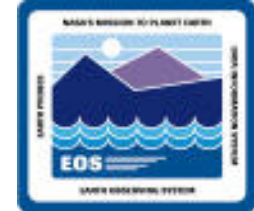
SDPS

- **Earth Science Search Tool and Product Request Tool**
- **EOSView**
- **Desktop**
- **User Registration Tool and User Profile Tool**
- **Advertising Service**
- **Data Dictionary**
- **Data Server (Query/Acquire)**

CSMS

- **Asynchronous Message Passing**
- **DCE**
- **Trouble Ticketing**
- **Management Services**

EP7 Content (Preliminary)



SDPS

- **Coincident Searching**
- **Guide Search**
- **Other Search Types (Production History)**
- **Geographic Name Search**
- **CDE Support**
- **Integration of Tools**

CSMS

- **DCE Multicell Deployment**
- **Network Management**
- **Management Services**

Prototypes and Studies Example Cases



Ready For Technology Insertion:

- Now: Rel A DSS

Mid-Life COTS Opportunity:

- Now: Parallel COTS Prototype

Harvesting 'External Prototyping'

- Now: EP7 Additions under consideration

High-Risk/Hi-Payoff:

- Now: Aggressive Learning

HDF-EOS

- By CDR: External Maintenance

DIM/LIM

- By CDR: Bake-off

NRA/CAN/ESDIS

- By CDR: Guide to the Testbed

Java-Like Technologies

- By CDR: Position/trades/strategy